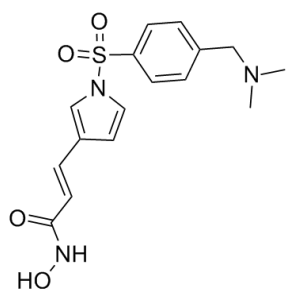


Product Name	: Resminostat	
Synonyms	: RAS2410;4SC-201;RAS 2410;RAS-2410	
Cat No.	: M16273	
CAS Number	: 864814-88-0	
Molecular Formula	: C ₁₆ H ₁₉ N ₃ O ₄ S	
Formula Weight	: 349.40	
Chemical Name	: 2-Propenamide, 3-[1-[4-[(dimethylamino)methyl]phenyl]sulfonyl]-1H-pyrrol-3-yl]-N-hydroxy-, (2E)-	
Description	: A potent inhibitor of HDAC1/3/6 with IC ₅₀ s of 43-72 nM; induces hyperacetylation of histone H4 and apoptosis in MM cell lines (IC ₅₀ =2.5-3 uM); decreases levels of cyclin D1, cdc25a, Cdk4 and pRb as well as upregulation of p21; downregulates phosphorylation of 4E-BP1 and p70S6k.Liver Cancer Phase 2 Clinical	
Pathway	: Cell Cycle/DNA Damage	
Target	: HDAC	
Receptor	: HDAC1; HDAC3; HDAC6	
Solubility	: 10 mM in DMSO	
SMILES	: <chem>O=C(NO)/C=C/C1=CN(S(=O)(=O)C2=CC=C(CN(C)C)C=C2)O1</chem>	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	

1. Mandl-Weber S, et al. Br J Haematol. 2010 May;149(4):518-28.| 2. Fu M, et al. Biochem Biophys Res Commun. 2016 Sep 2;477(4):527-33.| 3. Enzenhofer E, et al. Head Neck. 2017 May;39(5):900-907.